

P **Porophyllum ruderale**

Common Name(s)

Quilquinya

How Used

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Chemical Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0 (E)-ANETHOLE	Plant 6	9			Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 (E)-BETA-OCIMENE	Plant 3	4	-0.608347505108489		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 (E)-CARYOPHYLLENE	Plant 15	22			Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 (E)-NEROLIDIOL	Plant 3	4			Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 (Z)-BETA-OCIMENE	Plant 80	120	1.4074844462950056		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.

Chemical Plant Part	Low StdDev Reference Citation				
	PPM	PPM	PPM	PPM	Citation
8 4-TERPINEOL	Plant 310	465	-1		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
11 ALPHA-PHELLANDRENE	Plant 3	4	-1.1416617696899867		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
28 ALPHA-PINENE	Plant 27	40	-0.45316792467184336		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
13 ALPHA-TERPINENE	Plant 55	85	-0.37349668906891464		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 ALPHA-TERPINOLENE	Plant 24	36	1		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 ALPHA-THUJENE	Plant --	15	-0.5556749240489263		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
13 BETA-PINENE	Plant 3	4	-0.4311676731123628		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 CIS-PINENE-HYDRATE	Plant 12	18			Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
2 DECANOL	Plant 3	4	1.402545576051261		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	EO	Plant 3000	4500	-0.3981365686284871	Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
11	GAMMA-TERPINENE	Plant 100	155	-0.4709241741033349	Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
2	GERMACRENE-D	Plant --	--		Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
60	LIMONENE	Plant 9	13	-0.4778142658298603	Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
22	MYRCENE	Plant 35	55	-0.41567657159939037	Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
1	N-DECANAL	Plant 38	55		Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
16	P-CYMENE	Plant 40	65	-0.40333474653128587	Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
5	SABINENE	Plant 1925	2885	1.6423684680084183	Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0	THYMOL-METHYL-ETHER	Plant 3	4	-0.4874874199463095	Loayza, I., de Groot, W., Lorenzo, D. et al.	1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.

Chemical Plant Part	Low StdDev Reference Citation			
	PPM	High PPM	Reference	Citation
0 TRANS-PINENE-HYDRATE	Plant 9	14		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
0 UNDECENE	Plant 65	100		Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.